

**IN THE CLAIMS:**

1-32. (Canceled)

33. (Currently amended) A method of preserving a differentiated or undifferentiated human embryonic stem cells ~~cell~~ wherein the cells undergo vitrification.

34. (Original) A method according to claim 33 wherein the vitrification is Open Pulled Straw (OPS) vitrification.

35. (Canceled)

36. (Currently amended) A human embryonic stem cell line as prepared in ~~hereinbefore described, with reference to the examples~~ Example 6.

37. (New) A cryopreserved cell composition comprising hES cells.

38. (New) A cryopreserved differentiated or undifferentiated hES cell prepared by the process of claim 33.